

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-567 REV. D
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-567 REV. 1

REF. TCCA STC: SH92-18

REF. FAA STC: SH989NE AND SH990NE

REF. EASA STC: EASA.IM.R.S.01560 AND EASA.IM.R.S.01561

1.0 PURPOSE

This service instruction is intended for customers wishing to upgrade their existing OEM small vertical reference window kit to a DART D350-567-111 Floor Window Kit. Since the DART D350-567-115 Floor Window Kit included with D350-567-111 does not share the same rivet patterns as the OEM kit, the D350-567-111B/-115B Kits from this service instruction replaces the D350-567-111/-115 Kits to facilitate installation without having to perform extensive rework/repair of the aircraft floor prior to installation.

2.0 INSTALLATION OF D350-567-111B:

Note: With reference to Installation Instructions D350-567, make the following substitutions:

- D3293-1B replaces D3293-1;
- D3294-1B replaces D3294-1;
- D3295-041B replaces D3295-041;
- D3296-041B replaces D3296-041.





- 2.1 Perform Step 3.3.1 of Installation Instructions D350-567 as required.
- 2.2 Locate the D3293-1B per Figure 1 of this service instruction.
- 2.3 Enlarge the viewing hole in the aircraft floor by using D3293-1B as template.
- 2.4 Transfer drill Ø0.128" holes from the aircraft floor to D3293-1B Doubler, D3294-1B Bracket, and D3295-041B Window. Drill additional holes as required through D3293-1B and aircraft floor. Ensure minimum pitch and edge distance as indicated.
- 2.5 Enlarge existing Ø0.128" holes to Ø0.141" as required and drill qty(4) Ø0.141" as shown in Figure 1 of this service instruction for a total of qty(9) Ø0.141" holes.
- 2.6 Locate D3296-041B and transfer drill qty(12) Ø0.128" and qty(3) Ø0.141" holes from the D3293-1B Doubler/aircraft floor to the blank hinge blade of D3296-041B.
- 2.7 Complete installation in accordance with Section 3.3 of Installation Instructions D350-567.
- 2.8 Touch up finish on drilled parts in accordance with Section 5.1.3 of ICA-D350-567.
- 2.9 Install the D350-567-113 Kit per Section 3.7 of D350-567. No changes.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 12.11.16
CERT. NO.: SH92-18
ISSUE NO.: 6

A	NEW ISSUE	MB	12.11.15
REV.	DESCRIPTION	BY	DATE
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CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9637	SHEET 1 OF 4
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3.0 PARTS LIST

QTY -111B	QTY -113	QTY -115B	Part Number	Description
X			D350-567-111B	FLOOR WINDOW INSTALLATION, EXTRA LARGE (BLANK)
1	X		D350-567-113	REPLACEMENT WINDOW KIT (EXTRA LARGE)
1		X	D350-567-115B	INTERIOR FLOOR WINDOW KIT (BLANK)
	1		D2463-0860	NEOPRENE SEAL
	1		D3290-041	REPLACEMENT WINDOW ASSEMBLY, EXTRA LARGE
	12		2600-6	1/4 TURN FASTENER
	12		2600-LW	WASHER
	12		212-12	RECEPTACLE
	21		AN526C832R9	SCREW (OR AN526C832-9, OR MS51957-126)
	42		AN960JD8	WASHER
	21		MS21042L08	NUT (OR MS21042-08)
	24		MS20426AD3-5	RIVET
	2 SQ. YD		N/A	9.7 OZ 7781 'S' GLASS UNIVERESAL WEAVE
		1	D3293-1B	DOUBLER, BLANK
		1	D3294-1B	BRACKET, BLANK
		1	D3295-041B	FLOOR WINDOW, BLANK
		1	D3296-041B	DOOR ASSEMBLY, W/BLANK HINGE BLADE
		1	D2463-0530	NEOPRENE SEAL
		9	AN526C632R12	SCREW (OR AN526C632-12, OR MS51957-32)
		9	AN960JD6	WASHER
		9	MS21042L06	NUT (OR MS21042-06)
		2	MS20470AD4-5	RIVET
		115	MS20470AD4-6	RIVET
		15	MS20470AD4-7	RIVET






4.0 WEIGHT AND BALANCE

For D350-567-111B, use the weight and balance information for D350-567-111..

5.0 MAINTENANCE AND CONTINUED AIRWORTHINESS

Maintenance and continued airworthiness instructions for D350-567-111B is the same as for D350-567-111. Refer to ICA-D350-567.

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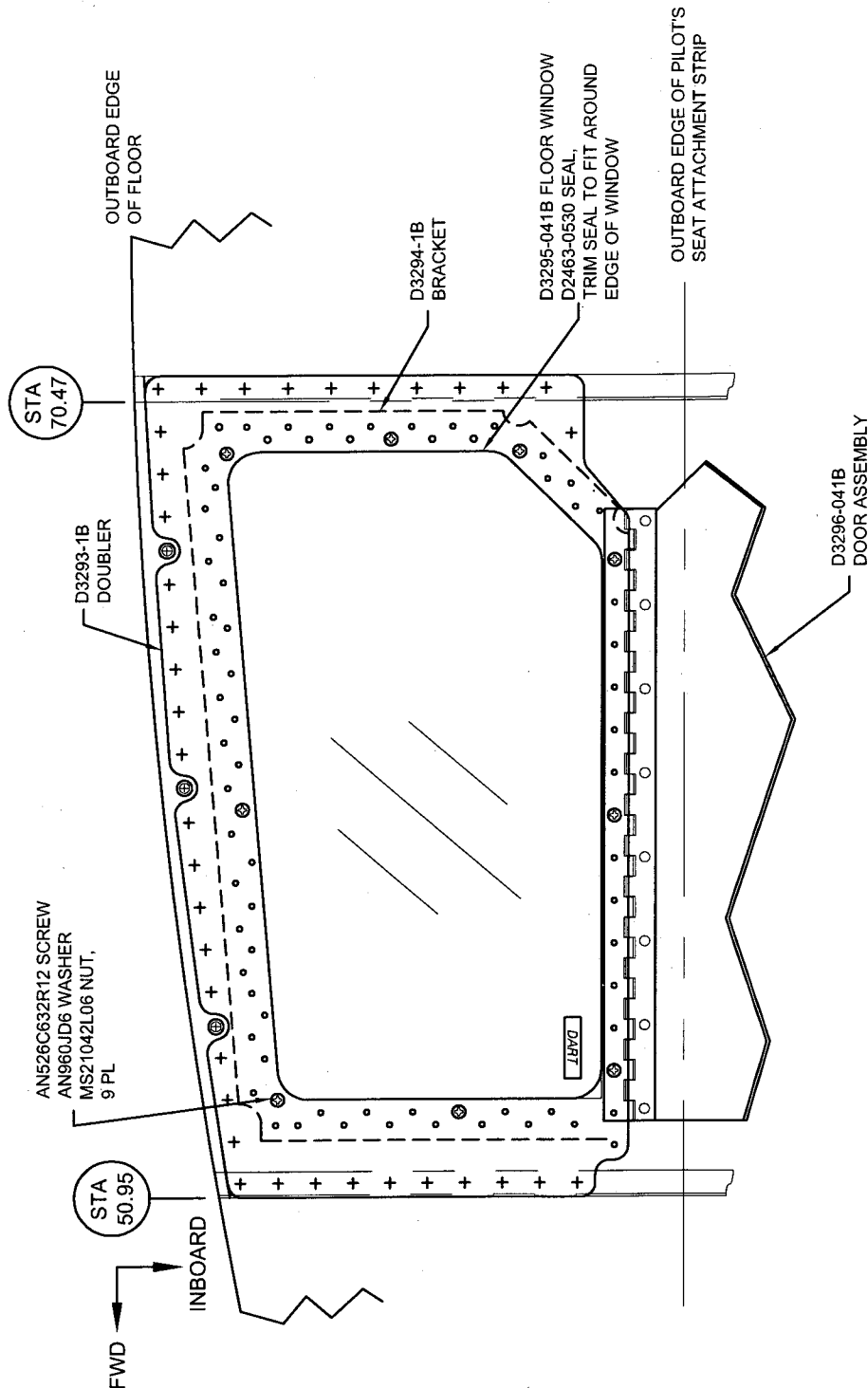


FIGURE 1: D350-567-115B KIT OVERVIEW
(SLIDING DOOR MOD NOT SHOWN)

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





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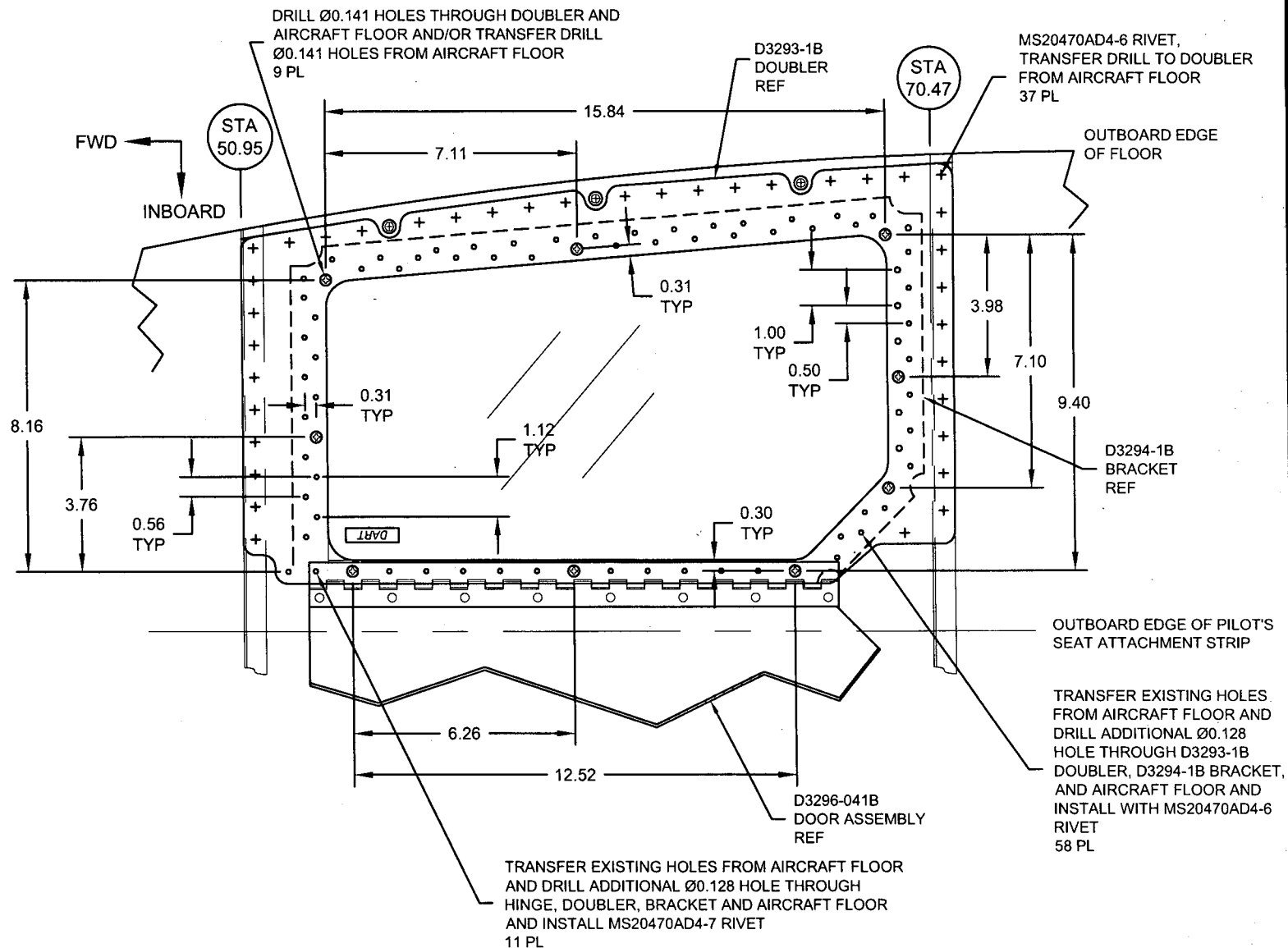
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**FIGURE 2: TYPICAL PITCHES FOR
ADDITIONAL REQUIRED RIVETS**
(SLIDING DOOR MOD NOT SHOWN)

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